Claims

1.   A peripheral device for operation in conjunction with a wireless com-

munication device, said peripheral device comprising:

a user interface operable to receive user input data;

a communication interface operable to control transfer of said user input

data to said wireless communication device and to control the

transfer of data received from said wireless communication de-

vice;

a display for displaying said user input data and said data received from

said wireless communication device; and

a processor operable to process said user input data and data received

from said wireless communication device;

wherein said peripheral device and said wireless communication device

are configured to cooperatively process data in accordance with

a predetermined protocol for execution of a software program

whereby said peripheral device is the source of data input and

data display for a user.

2. The peripheral device of claim 1, wherein said communication device

comprises a data processor and said software program is executed on said wire-

less communication device.

1   3. The peripheral device of claim 1, wherein said software program is exe-

2   cuted on said peripheral device.

1   4. The peripheral device of claim 1, wherein said peripheral device auto-

2   matically turns on in response to at least one predefined event.

1   5. The peripheral device of claim 1, further comprising a backup memory,

2   operably coupled to said communication interface, for storing a backup copy of

3   data received from said wireless communication device.

1   6. The peripheral device of claim 1, wherein said communication interface

2   is adapted to automatically establish connectivity with said peripheral device in

3   response to at least one predefined event.

1   7. The peripheral device of claim 1, wherein said communication interface

2   further transmits a signal to said wireless communication device directing said

3   wireless communication device to transmit at least one data item and a data re-

4   quest via a network connection.

1   8. The peripheral device of claim 1, wherein said communication interface

2   further receives a signal from said wireless communication device representing

3   at least one data item received by said wireless communication device via a net-

4   work connection.

1   9. The peripheral device of claim 1, wherein said communication interface

2   further transmits a signal to said wireless communication device directing said

3   wireless communication device to transmit at least one data item and a data re-

4   quest via the Internet.

1   10. The peripheral device of claim 1, wherein said communication inter-

2   face further receives a signal from said wireless communication device represent-

3   ing at least one data item received by said wireless communication device via the

4   Internet

1   11. A peripheral device for use in conjunction with a separate wireless

2 communication device, said peripheral device comprising:

3   a user interface operable to receive user input data;

4   a communication interface operable to receive application data from said

5   wireless communication device, wherein said communication

6   interface is operable to automatically establish connectivity with

7   said wireless communication device in response to at least one

8   predefined event;

9   a processor, operably coupled to said communication interface, for execut-

10   ing at least one software application using said received appli-

11   cation data thereby generating processed data; and

12   a display coupled to said processor, for displaying said user input data

13   and said processed data;

14   wherein said peripheral device and said separate wireless communication

15   device define a combined wirelessly-enabled data processor and

16   wherein said peripheral device is the source of data input and

17   data display for a user using said wirelessly-enabled data proc-

18   essor.

1   12. The peripheral device of claim 11, further comprising an enclosure

2   having an opened position and a closed position, wherein said predetermined

3   event for establishing connectivity is the transition of said enclosure from said

4   closed position to said open position.

1   13. The peripheral device of claim 11, wherein said predetermined event

2   for establishing connectivity is a signal transmitted by said wireless communica-

3   tion device.

1   14. The peripheral device of claim 11, wherein said processed data is

2   stored in a storage medium on said peripheral device.

1   15. The peripheral device of claim 11, wherein said processed data is

2   stored in a storage medium on said wireless communication device.

1   16. The peripheral device of claim 11, wherein said communication inter-

2   face further transmits a signal to said wireless communication device directing

3   said wireless communication device to transmit at least one data item and a data

4   request via a network connection.

1   17. The peripheral device of claim 11, wherein said communication inter-

2   face further receives a signal from said wireless communication device represent-

3   ing at least one data item received by said wireless communication device via a

4   network connection.

1   18. The peripheral device of claim 11, wherein said communication inter-

2   face further transmits a signal to said wireless communication device directing

3   said wireless communication device to transmit at least one data item and a data

4   request via the Internet.

1   19. The peripheral device of claim 11, wherein said communication inter-

2   face further receives a signal from said wireless communication device represent-

3   ing at least one data item received by said wireless communication device via the

4   Internet.

1   20. The peripheral device of claim 11, further comprising a network inter-

2   face, coupled to said processor, for transmitting at least one of a data item and a

3   data request via a network connection, and for receiving at least one data item

4   via said network connection.

1   21. The peripheral device of claim 11, wherein said communication inter-

2   face further receives, from said wireless communication device, software code for

3   at least one software application.

21

1   22. The peripheral device of claim 11, further comprising memory for

2   storing said application data and said processed data.

1   23. The peripheral device of claim 18, wherein said memory stores said

2   application data and said processed data from one user session to at least one

3   subsequent user session.

1   24. The peripheral device of claim 11, further comprising a backup mem-

2   ory, coupled to said communication interface, for storing a backup copy of data

3   received from said wireless communication device.